

INVESTIGATOR'S ANNUAL REPORT

National Park Service

All or some of the information provided may be available to the public

Reporting Year: 2001	Park: Shenandoah NP
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Additional investigators or key field assistants (first name, last name, office phone, office email): No co-investigators	
Permit#: unknown	
Park-assigned Study Id. #: SHEN-00144	
Project Title: Status and Distribution of the Allegheny Woodrat	
Permit Start Date: Jul 01, 1990	Permit Expiration Date Dec 31, 2001
Study Start Date: Jul 01, 1990	Study End Date Dec 31, 2001
Study Status: Completed	
Activity Type: Monitoring	
Subject/Discipline: Water / Hydrology	
Objectives: To survey potential habitat for presence or absence of the Allegheny woodrat. To monitor selected colonies of woodrats for temporal change in capture index. To investigate selected aspects of woodrat natural history/life history.	
Findings and Status: Woodrats were found in approx. 10 sites in SNP. One site at Bluff's Trail was monitored from 1990-1995. Woodrats at sites in SNP and throughout the species range along the Blue Ridge and Ridge and Valley Physiographic provinces of Virginia were live-trapped and ear-tagged throughout the study. From 1997-2001, most collecting occurred outside SNP. Woodrats at sites inside SNP fluctuate from highs of 6 animals per site to lows of zero. Recolonization of previously occupied sites occurs but the sources of these animals is known. Woodrat colonies are widely distributed throughout the range. Colonies are generally restricted to cliffs, talus, rock outcrops and boulder fields. Colonies have few individuals. Movements between colonies has never been documented in this study making colony isolation a concern in landscape management. Numerous reports and manuscripts have been prepared and submitted for publication in the scientific literature. Numerous presentations have been made at conferences and workshops. Final reports have been submitted to the USDS Forest Service, George Washington/Jefferson National Forests and Virginia Department of Game and Inland Fisheries.	
For this study, were one or more specimens collected and removed from the park but not destroyed during analyses? No	
Funding provided this reporting year by NPS: 0	Funding provided this reporting year by other sources: 2500

Fill out the following ONLY IF the National Park Service supported this project in this reporting year by providing money to a university or college

Full name of college or university:

n/a

Annual funding provided by NPS to university or college this reporting year:

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